# Snappi ®

# WHEELBASE AND INTERFACE USER MANUAL

**IMPORTANT**
Please read these instructions carefully
Before using the Wheelbase or Interface

**Fig 0.1 Wheelbase (size 1 shown)**

**Fig 0.2 Wheelbase Folded (size 1 shown)**

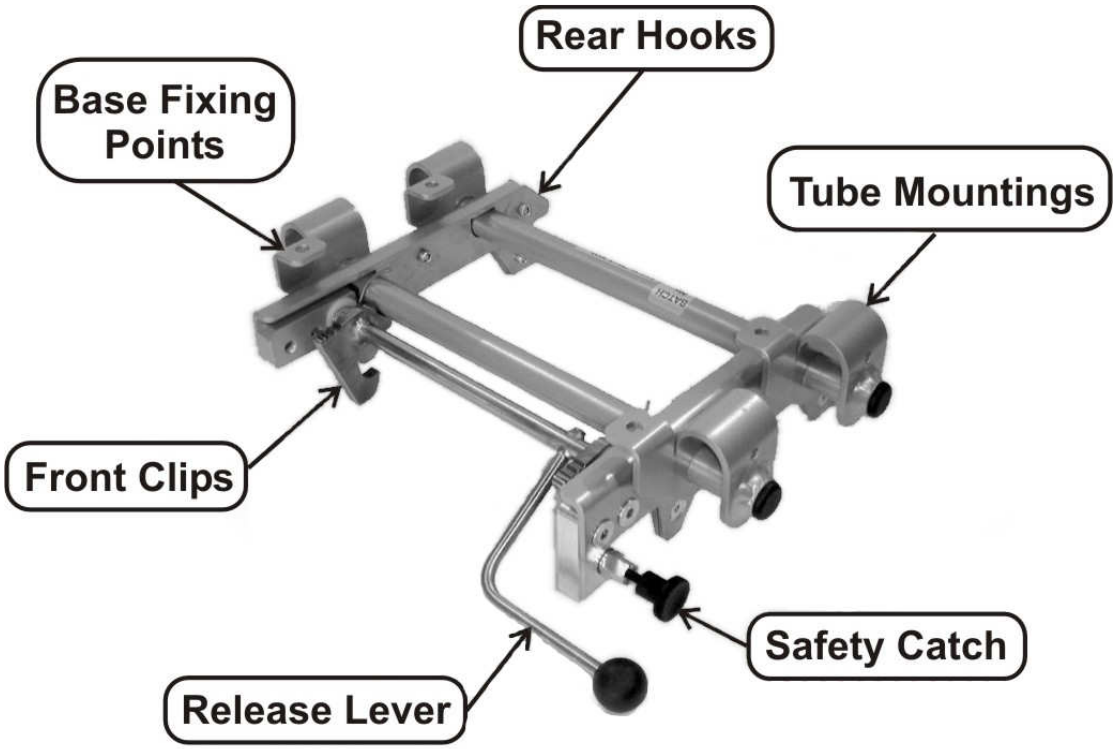


**Fig 0.3 Seat Interface (size 1 shown)**

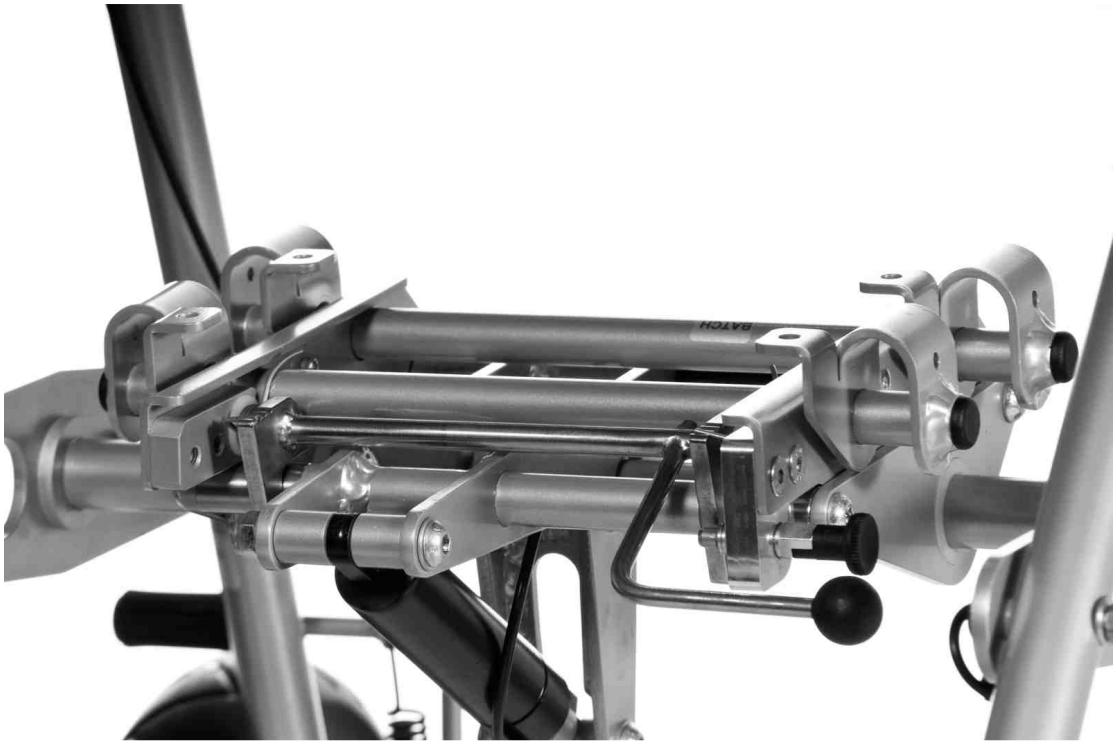

**Fig 0.4 Interface Fitted To Frame (size 1 shown)**

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## 1: Who to contact in difficulty

Tendercare Ltd.
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Email: info@tendercareltd.com
Web: www.tendercareltd.com

## 2: Introduction

The **Wheelbase** is made of a strong and lightweight aluminium alloy, minimising weight and providing a very rugged frame. The wheelbase provides a tilt in space facility and has 2 fixed rear wheels and 2 castor wheels at the front for easy steering. The wheelbase comes in two sizes with corresponding interfaces to suit a range of different seats.

The **Interface** provides a very lightweight, easy to operate, quick release system that can be fitted to a wide range of special seating systems. Please note the interface requires additional framework to fit to a seat, and has been designed to take 19mm (3/4") aluminium or mild steel tube.

The interface can be quickly fitted and released from the wheelbase, which can be folded for transport. The Snappi has been successfully impact tested as a wheelbase and interface, with the Modular and Snug seating systems. When fitting 3rd party seating systems to the Snappi, the manufacturer of the system must carry out a risk assessment before use.

These instructions apply to all sizes.

Interfacing Options:

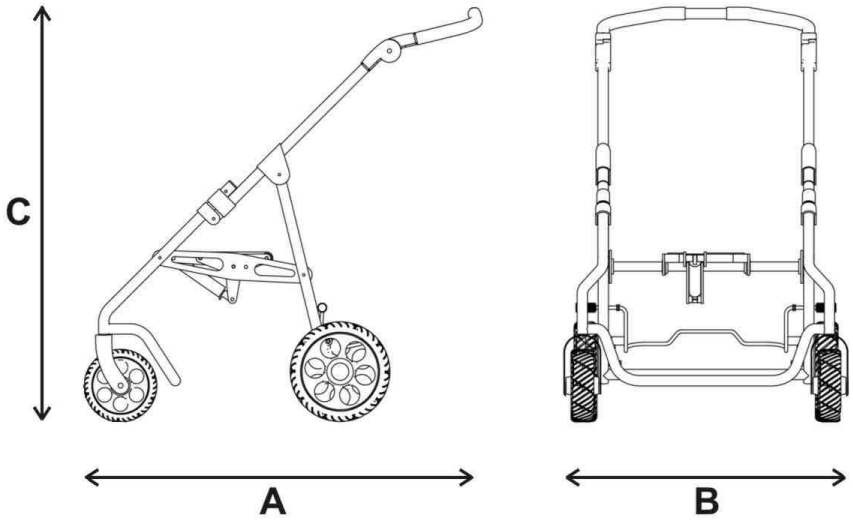
| Seat / Interface Version | Maximum Weight (Kg) | Maximum Seat Width (mm) |
|---|---|---|
| Size 1 | 50 | 350 |
| Size 2 | 50 | 415 |

**IMPORTANT:**

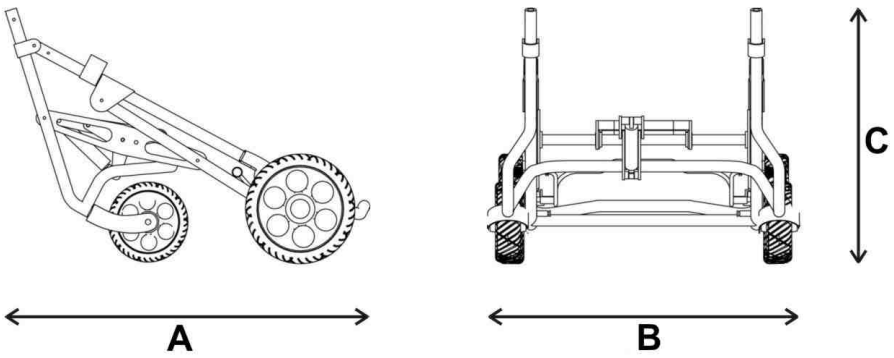
- *Maximum width; maximum space available for seating systems being fitted into frame.*
- *Maximum weight includes the seat unit, occupant and all accessories.*

Frame Weight:
Size 1: 10kg
Size 2: 11kg

| Dimensions (mm) | Snappi Wheelbase Open | |
|---|---|---|
| | Size 1 | Size 2 |
| A | 944 | 960 |
| B | 571 | 684 |
| C | 992 | 998 |




| Dimensions (mm) | Snappi Wheelbase Folded | |
|---|---|---|
| | Size 1 | Size 2 |
| A | 771 | 798 |
| B | 571 | 684 |
| C | 573 | 560 |




All sizes and weights are given as a guide. Tendercare ltd reserves the right to amend specifications at any time as part of their product development programme.

## 3: Unpacking

The wheelbase and interface are delivered together in a cardboard carton. This measures 680mm wide x 480mm deep x 1030mm high and weighs approximately 12Kg.

**WARNING:**
***The transit carton is quite bulky so moving and unpacking must be done with care. Observe all lifting and handling regulations.***

Stand the carton upright making sure it is supported and cannot fall over. Open the carton and remove any packages or packing, which could obstruct the removal of the wheelbase. Remove the wheelbase.

The carton should contain the following items:

| Item | Component | QTY. | Yes | No |
|---|---|---|---|---|
| 1 | Size 1 or 2 Wheelbase | 1 | | |
| 2 | Size 1 or 2 Interface | 1 | | |
| 3 | User Manual | 1 | | |

**IMPORTANT:**

- ***The interface will be supplied fitted to the frame. This can easily be separated by releasing the interface catch, once the frame has been removed from its packaging. Please refer to section 4.4 for more information on working with the interface.***

- ***If any items are damaged or missing, then please contact Tendercare, preferably by email at info@tendercareltd.com or alternatively please call us on (01903) 726161 within 36 hours of delivery.***

After unpacking and checking you have all components and they are in good condition dispose of the packaging at your local recycling centre. Alternatively retain and reuse.

## 4: Preparing the wheelbase for use

**WARNING:**
***When opening or folding the wheelbase, ensure that you hold the frame so that you avoid any danger of catching your fingers in moving parts.***

***Keep children clear of the wheelbase during opening and folding.***

### 4.1.1 Unfolding the Frame (original locks)

Standing at back of wheelbase, place your foot on the rear crossbar X (see Fig 4.1.1.1) and lift handle labelled Y as far as it will move.

This will open the frame.

**Fig 4.1.1.1**

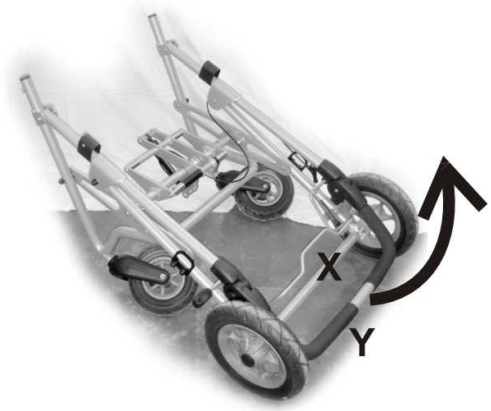



**Fig 4.1.1.2**

Next locate the 2 plastic locking sliders. These will be stowed in the “open” position and are held in place by 2 small spring clips.

Press the 2 silver “Spring pins” in and slide the 2 locking pieces down over the lower tube sections.

**Fig 4.1.1.3**

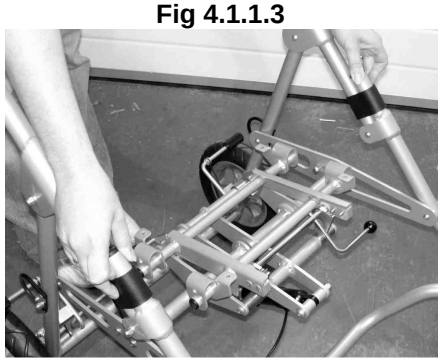


**Fig 4.1.1.4**

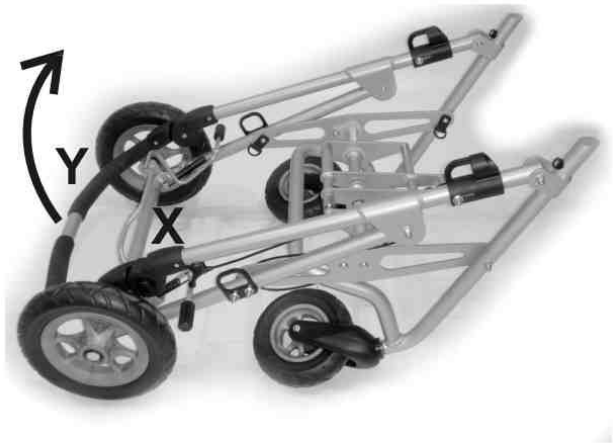
The pins will spring through the holes in the sliders and hold them in place (see Fig 4.1.1.4).

**WARNING:**
***If the locking sliders are not in the correct position, or the spring pins do not protrude thereby allowing the locking clips to move back up the frame, then the frame may collapse in use.***

**Folding the wheelbase:** To unlock the frame and fold the wheelbase, reverse the above instructions.

### 4.1.2 Unfolding the Frame (Spring loaded locks)

**Fig 4.1.2.1**




Standing at back of wheelbase, place your foot on the rear crossbar X (see Fig 4.1.2.1) and lift handle labelled Y as far as it will move.

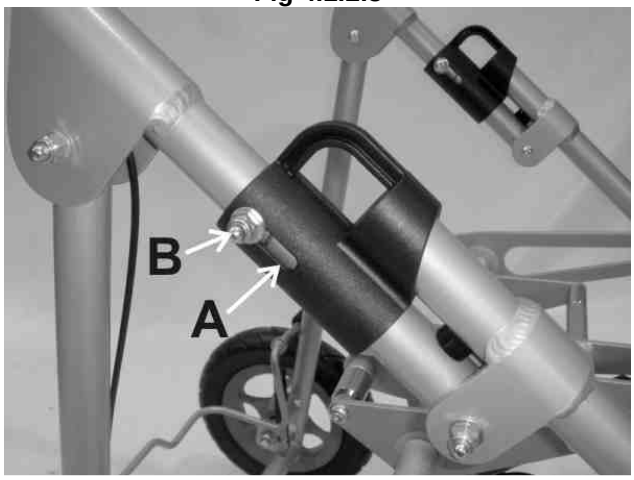
This will open the frame.

**Fig 4.1.2.2**

Once the frame is almost open, the 2 plastic frame locks will engage with the angled sections of the lower frame.

Continue to unfold the frame; this will force the locks up the tubes. There will be some resistance, as you will be working against the locking springs.

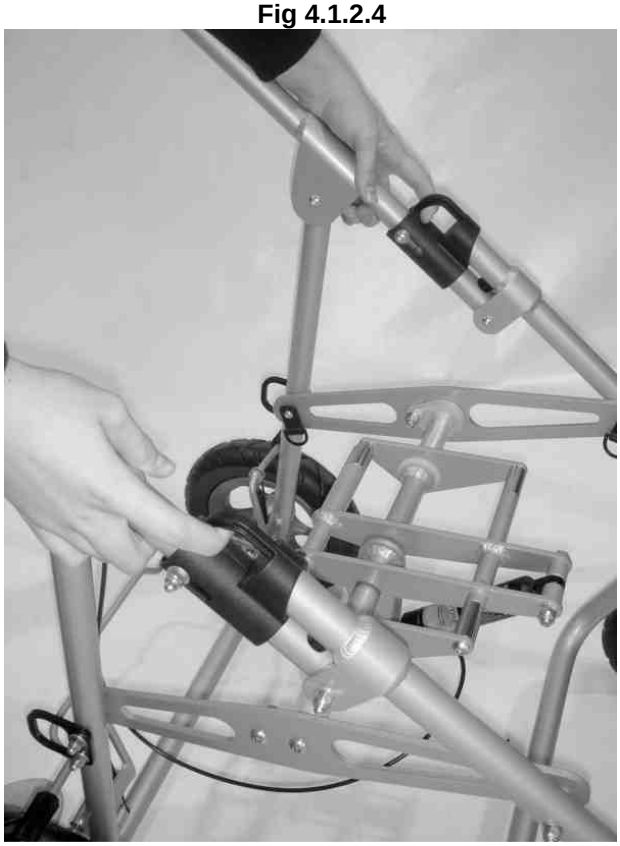
**Fig 4.1.2.3**




Once fully open, the frame locks will snap shut over the front frame, securing the frame in the open position.

Always check that both locks are fully closed. In the locked position the guide bolt '**B**' will be sat in the top of the slot '**A**' on the side of the slider as shown (see Fig 4.1.2.3). If there is any slot visible above the guide bolt, push the lock down by hand until it will not move any further.

**Fig 4.1.2.4**



To fold the frame:

Standing beside the frame, pull up the 2 locking sliders as shown (see Fig 4.1.2.4).

Whilst holding the locks open, push down with your arm on the upper frame or push handle, so that the frame starts to fold.

Release the locking sliders, and fold down the frame by moving the push handle down as far as it will move.

**IMPORTANT:**
***Always check that BOTH frame locks are fully closed before using the frame. If they are not properly engaged, the frame could collapse during use.***

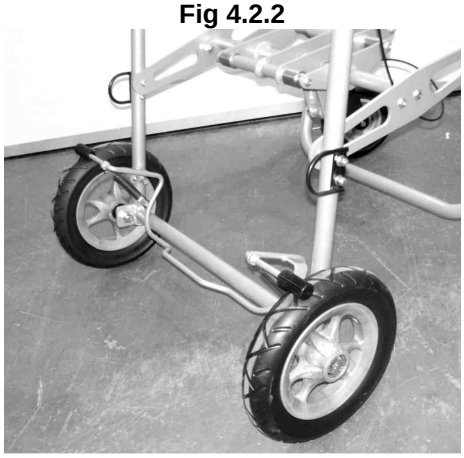
## 4.2A Original Brakes (wheelbases supplied before June 2015)

**Fig 4.2.1**

To apply the brake, put your foot on the top of brake bar 'X' (see Fig 4.2.1) and push down as shown. The brake will flip down onto the wheels and lock them.

To release the brake, simply hook your foot between the middle raised portion of the brake bar, and the frame crossbar. Then, lift the brake bar with your foot until it flips back and stops against the brake stop pins. You may find it easier to use your hand instead of your foot to release the brake. If operating the brake by hand always hold the brake by the raised section in the middle of the bar.

**Fig 4.2.2**



**WARNING:**
***The brake mechanism is spring loaded so care must be taken when operating it.***

***When operating the brake mechanism ensure that you always keep a firm hold of the pushchair, keeping your hands well away from the brake mechanism.***

***Always put the brake on when placing the child in or taking them out of the seat.***

***Do not leave the pushchair on a slope, even with the brake on. Always ensure that the pushchair is on level ground to prevent risk of injury to the occupant.***

***Do not leave the brake on when the pushchair is not in use as this will damage the rear wheels.***

## 4.2B Pin Brake (wheelbases supplied after June 2015)

**Fig 4.2.3**

Snappi Pushchairs supplied after June 2015 will be fitted with the new Pin Brake mechanism.

To set the pin brake, first securely hold the push handle. Place your foot on the top of the push bar as shown (see Fig 4.2.3, left) then press the bar down as far as it will go. If the brake is stiff, try rolling the pushchair forward slightly to help line up the pins with the locking rings on the wheels.

Fig 4.2.4 Right: The brake in the fully locked position.

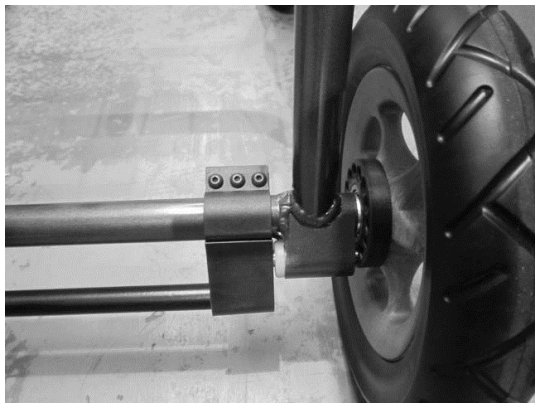


**Fig 4.2.4**

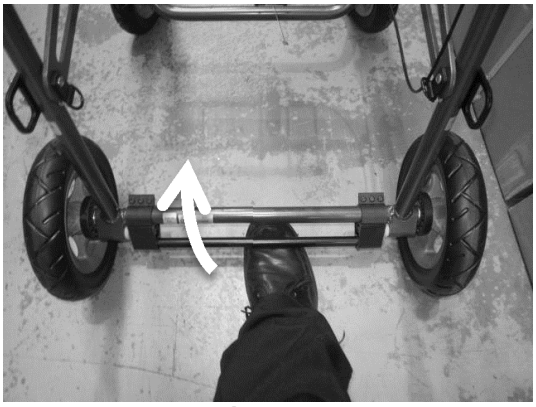


**Fig 4.2.5**

To release the pin brake, hold the pushchair and place your foot underneath the brake bar as shown (see Fig 4.2.5, left). Lift the bar as far as it will move to ensure the pins are clear of the locking rings.

**Warning:**

***When operating the brake mechanism ensure that you always keep a firm hold of the pushchair and keep your hands well away from the brake mechanism.***

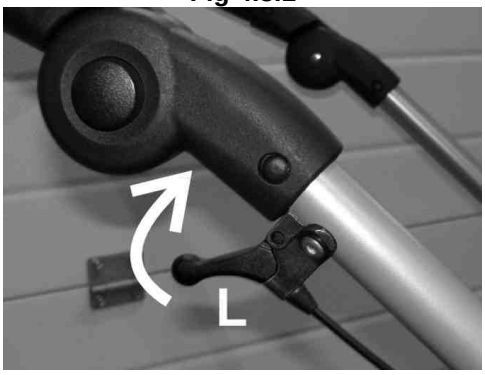
***Do not leave the pushchair on a slope, even with the brake on. Always ensure that the pushchair is on level ground to prevent risk of injury to the occupant.***

## 4.2C Tyres:

As standard the Snappi wheelbase is supplied with solid tyres, however pneumatic tyres are also available as an option. If your pushchair is supplied with pneumatic tyres these need to be regularly checked and inflated if necessary using a hand or foot pump. The operating pressure for the tyres is 36 PSI (note: do not inflate the tyres above 36 PSI). Do not use high pressure air lines or mechanical pumps as used in garages to inflate the tyres.

## 4.3 Using the Tilt in Space facility

**Fig 4.3.1**




To operate the tilt in space mechanism, place your hand over the push handle adjustor, and lift the lever 'L' (see Fig 4.3.1) as shown.

This will open the gas strut and tilt the mid section. Note; The speed of tilt can be controlled by varying the pressure applied at lever L.

When tilting with a seat fitted, use your other hand to support seat as it tilts.

**Fig 4.3.2**

**Fig 4.3.3**

To reset the tilt mechanism, hold down lever L and push down firmly on the front of the frame interface as shown (see Fig 4.3.3). Once the mid section is in the desired position, release lever L. For a 90-degree 'flat' position, move the mid section so the gas strut is fully closed and it will not move any further before releasing the tilt lever.

**IMPORTANT:**

- ***Always ensure any harness provided for the child is used and correctly adjusted before reclining or returning the seat to a more upright position.***
- ***Always support the seat when tilting, as the gas springs can be quick to operate. If the seat is not supported, is may move swiftly and could cause the occupant distress.***

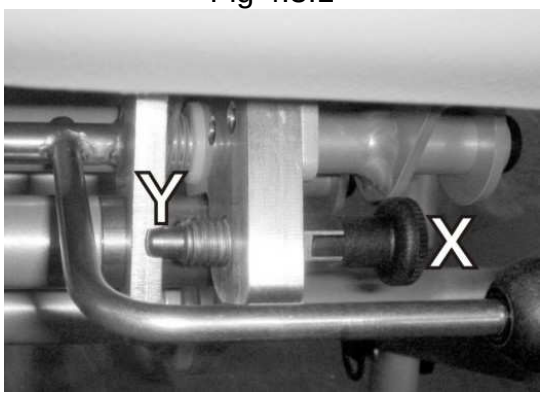
### 4.4.1 Interface safety catch

The interface includes a 2-stage latch that comprises a main latch and a second safety latch that prevents accidental release of a seat from the chassis.

The safety catch must be correctly set before the main catch can be operated:

How to operate the safety catch:

Fig 4.3.1




Safety Catch Locked

The safety catch clip is located under the front right corner of the seat near to the release lever (See Fig 4.3.1).

**Definition of components:**

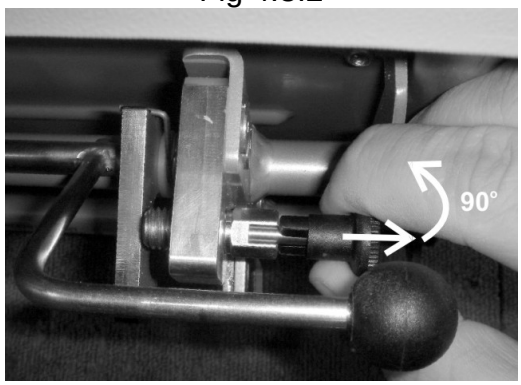
**X: Pull handle**

**Y: Locking Pin**

To release the safety catch, pull the handle “X”, and turn it 90 degrees so that the pin “Y” is fully retracted.

To lock it, pull “X” and turn 90 degrees in the opposite direction, so that pin “Y” is fully protruded and sits behind the interface main catch “B” (see fig 4.3.3 on next page).

Fig 4.3.2




Safety Catch unlocked

***Important:***
***When fitting or removing the seat, the carer / parent must first ensure that the safety catch pin is set in the “unlocked” position. It will not be possible to fit or remove the seat if the latch is “locked”, and attempting to do so may cause damage to the chassis or the seat.***

Once the seat has been fitted, the carer / parent must always lock the safety catch.

***Note:***
***A warning label is positioned on the front right hand portion of the tilt frame on the chassis, to remind carers to lock the safety catch.***

### 4.4.2 Fitting the interface

To fit the interface to the frame:

Ensure the secondary latch is unlocked (as detailed previously in section 4.4.1)

Locate the 2 rear “hooks” on the back of the interface, over the stainless steel bushings on the back of the frame interface.

**Fig 4.4.1**

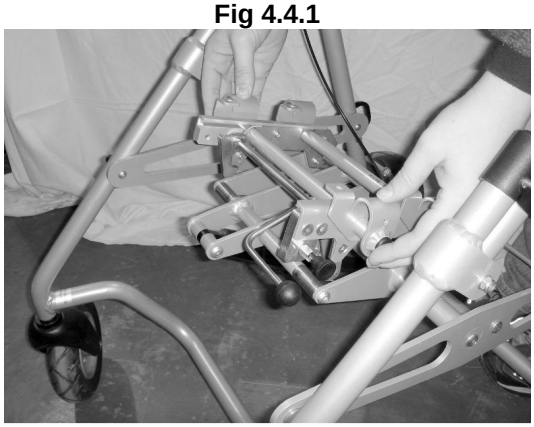


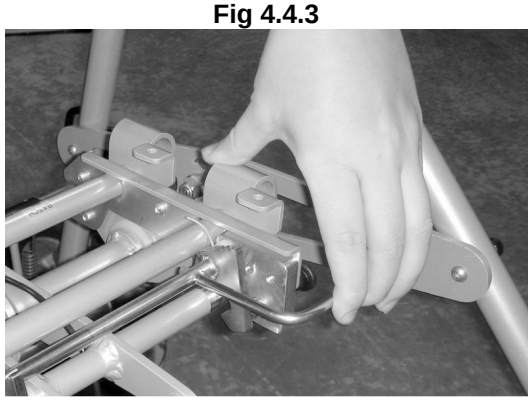
**Fig 4.4.2**

Next, push down on the interface so that the clips snap over the front stainless steel bushes on the frame interface. Note that due to the design of the frame interface, it is not possible to fit the interface backwards. If fitted the wrong way around the clips will not close and it will not sit down into the frame.

Once the interface is fitted, always lock the secondary catch as detailed in section 4.4.1

To release the interface, unlock the secondary latch, and then lift the release lever up as shown (See Fig 4.4.3). This will open the clips and lift them away from the frame in one movement. Then simply lift the rear hooks off from the frame.

**Fig 4.4.3**



**IMPORTANT:**

- ***Always ensure that the interface clips have latched fully. To test this, press down on the release lever when fitted and make sure the clips will not move.***
- ***Do not attempt to fit the interface backwards. It will not lock in a rearward facing position.***
- ***Always ensure that the interface is firmly held on all 4 fixing points (the 4 stainless steel bushes on the frame interface).***
- ***The interface is spring loaded, so ensure your fingers are clear of the clips before fitting.***

## 5: Accessories

### 5.1: Shopping Basket

**Fig 5.1.1**

Fitting / removing the shopping basket:

There are 4 hanging points located on the insides of the side plates (see Fig 5.1.1).

To fit the shopping basket, clip the snap hooks on the basket onto the 4 clipping points.

To remove the shopping basket, unclip the 4 hooks.

The shopping basket includes an expandable section at the back to help with loading of bulky items. To expand the basket, peel apart the Velcro at the back to release the extra material.

***Important:***

- Always check that the shopping basket is securely fitted before use.
- The maximum carrying load for the shopping basket is 3kg.
- Always ensure that the total load of the occupant, seat and accessories does not exceed the maximum carry limit stated for the wheelbase (see section 1 of this manual).
- The shopping basket may remain fitted when folding the wheelbase.
- All contents must be removed from the shopping basket before folding the wheelbase.
- The contents of the shopping basket must be removed when using the wheelbase as a seat in a motor vehicle.

## 5.2: Equipment Carrying Tray

To Fit the equipment carrying tray:

The equipment-carrying tray has 2 sets of fixing points on its underside to secure it to the chassis (see Fig 5.2.1).

Feed the tray under the wheelbase from the front of the chassis and hook the rear points ‘A’ under the rear cross bar, ensuring that the tray is in the middle so it sits in-between the vertical brake bars.

Next, with the front turn catch ‘B’ rotated out of the way; rotate the tray down so it sits on the front cross bar.

Finally turn the front catch ‘B’ 90 degrees so it sits under the front cross bar (this catch may be quite tight).

**Fig 5.2.2**

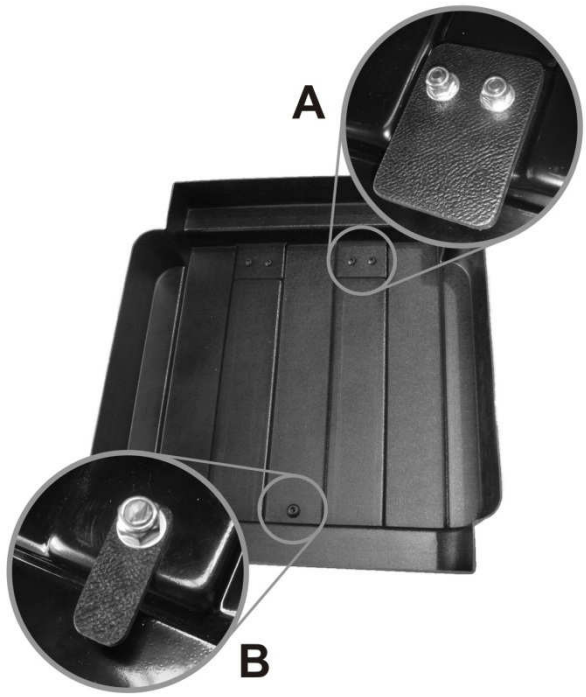



**Fig 5.2.1**

To remove the tray, unlock catch B, lift up and remove the tray from the chassis.

***Important:***

- Always ensure the equipment-carrying tray is securely fitted before use.
- The maximum carrying load for the equipment-carrying tray is 25kg.
- Always ensure that the total load of the occupant, seat and accessories does not exceed the maximum carry limit stated for the wheelbase (see section 1 of this manual).
- The equipment-carrying tray must be removed before folding the chassis.
- The equipment-carrying tray must be removed when using the wheelbase as a seat in a motor vehicle.

## 5.3: Sun Canopy

There are 2 styles of sun canopy available for the Snappi Wheelbase; the 'Classic Style' and the 'Umbrella Style'.

To fit the Classic Style sun canopy:

First unfold the sun canopy.

Then clip the 2 fixing brackets onto the frame (see arrows, right), so that the top clip sits in the desired position.

The sun canopy can then by angled to the desired position.

To remove the sun canopy, simply unscrew the clips.

(*Seat shown in Fig 5.3.1 is for illustration purposes only.)

***Important:***

- You must remove the sun canopy before folding the frame.
- You must remove the sun canopy when using the wheelbase as a seat in a motor vehicle.

**Fig 5.3.1***

To fit the Umbrella Style sun canopy:

**Fig 5.3.2**

Remove the umbrella from its protective sleeve.

Next, unclip the frame fixing from the umbrella by pressing on the button and pulling apart as shown (See Fig 5.3.2).

Next, unscrew the frame mounting to open the jaws until it will fit over the frame.

Position the mounting onto the upper frame tube (see fig 5.3.4 below).

Adjust the angle of the clip so that it is vertical.

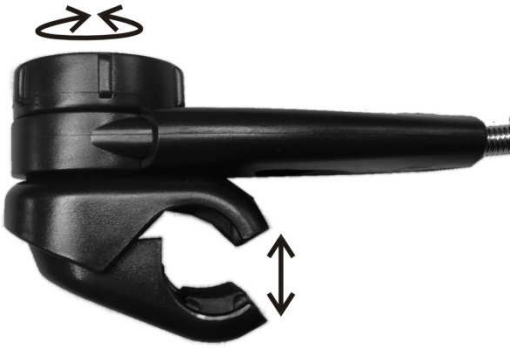


**Fig 5.3.3**

**Fig 5.3.4**

When in the desired position, retighten the screw to lock it onto the frame

Finally, clip the umbrella section back onto the mounting by pushing the 2 halves of the clip back together, and open the umbrella.

If a different angle is needed, simply loosen the locking screw, move to the required angle and retighten.

***Important:***

- You must remove the umbrella section before folding the frame (the frame mounting clip can be left in place).

- The entire sun umbrella must be removed when using the wheelbase as a seat in a motor vehicle.

## 5.4: Frame Padding

**Fig 5.4.1**

To fit frame padding, wrap around the section of framework to be padded, and clip the snap fasteners together(See Fig 5.5.1)Repeat on the other side.

If you are fitting a rain cover as well as the frame padding, it is important that you fit the rain cover to the pushchair first and then fit the frame padding round it. Finally join the rear flap of material to the sides of the rain cover with the Velcro tabs.

**5.5: Rain Cover – not suitable for rearward facing Snappi wheelbase**
To fit the rain cover:

Attach the 4 push-on clips to the upper frame of the pushchair, with the open clip section pointing downwards.

The lower clip fits directly above the nylon locking slider, while the upper clip attaches to the upper frame tube.

Feed the open flap of material around the rear frame, inside the push handles.

Next fold the cover down, and secure the bottom using the 2 elastic ‘C’ clips.

Finally, join the rear flap of material to the sides of the rain cover with the Velcro tabs.

To fold the cover back when not needed, unhook the 2 elastic ‘C’ clips and fold back. The cover can be secured in the open position by attaching the C clips to the upper frame.

**Fig 5.5.1**

***Important:***

- The cover is for outdoor use only.
- The cover must be folded back if the child remains in the pushchair when taken indoors. Otherwise the child may overheat. The cover must also be folded back in warm sunny weather.
- Ensure your child’s fingers are clear of the frame when folding the rain cover back, as the scissor action of the cover frame can trap small fingers.
- The rain cover must be completely removed before folding the wheelbase.
- The rain cover must be removed when using the wheelbase as a seat in a motor vehicle.
- If you are fitting a rain cover as well as the frame padding, it is important that you fit the rain cover to the pushchair first and then fit the frame padding round it. Finally join the rear flap of material to the sides of the rain cover with the Velcro tabs.

## 5.6 Vertical Cylinder Carrier:

A vertical cylinder carrier is available as an option. This should be provided factory fitted to the pushchair if ordered at the same time as the chair. If the carrier is ordered after the pushchair has been supplied, instructions are available in the workshop manual for how to fit the carrier. Note that fitting the carrier must only be attempted by a qualified tradesperson; if in doubt please contact Tendercare ltd for further advice.

**Fig 5.6.1**

Fig 5.6.1, left: The vertical cylinder carrier as supplied, fitted to the chassis.

To fit a cylinder to the carrier, first open the cam buckles on the straps (see Fig 5.6.2, right).

Loosen the strap, then slot the cylinder into the carrier.

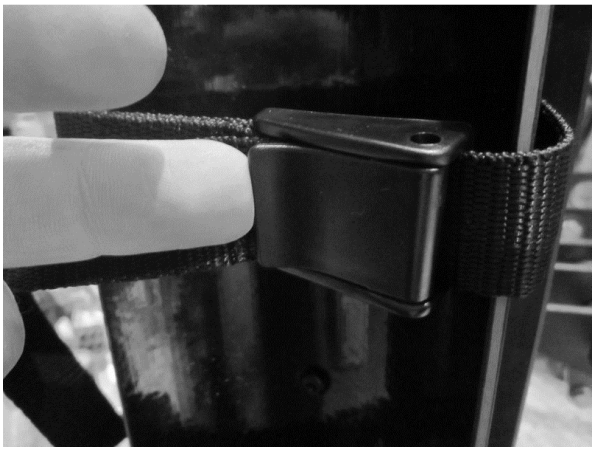


**Fig 5.6.2**

Fig 5.6.3

With the cylinder in place, pull on the end of the strap to tighten, and then close the cam lock to secure it in place.

To remove a cylinder, loosen the straps and lift it out.

**Notes:**

- Always ensure the cylinder is securely strapped into the carrier before using the pushchair.
- The maximum carrying load for the vertical cylinder carrier is 5kg.
- Depending on the size of bottle used, it could adversely affect the stability of the pushchair. If this is a concern, a risk assessment must be carried out, and if necessary stability tests performed on the loaded assembly.
- Always ensure that the total load of the occupant and accessories does not exceed the maximum carry limit stated for the pushchair (see section 1 of this manual).

The content of the vertical cylinder carrier must be removed before transporting the pushchair in an adapted vehicle.

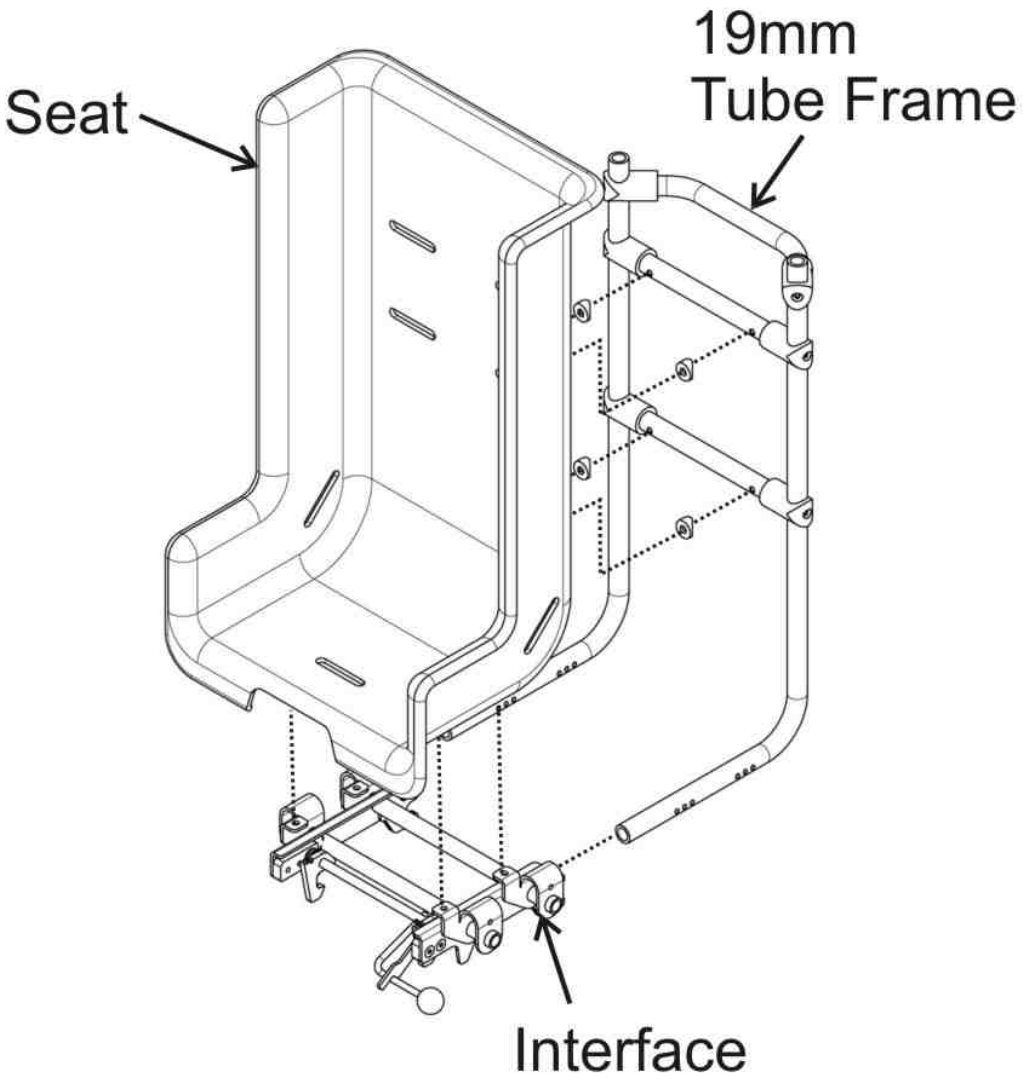
## 6: Fitting a Special Seat

The interface is designed to bolt onto the base of a special seating system using the 4 base fixing points. The interface should always be fitted with a suitable framework and includes 4 tube mounting brackets that fit 19mm or ¾" aluminium or mild steel tube.

Due to the wide range of different special seating systems, Tendercare do not supply fixing brackets for these items. Please refer to the special seat manufacturer's instructions.

An example set up using the interface is shown below:

**Fig 6.0.1**




**IMPORTANT:**

- ***The Snappi has been successfully impact tested as a wheelbase and interface, with the Modular and Snug seating systems. When fitting 3rd party seating systems to the Snappi, the manufacturer of the system must carry out a risk assessment before use.***

- ***When fitting a 3rd party seat stability may be affected. A test is necessary to confirm that the static stability is satisfactory. A stability test to meet the requirements of EN.ISO7176 must be completed by the commissioning wheelchair service. This test must be passed before handover of the system.***

## 7: Final checks

1. Check that the special seat is firmly attached to the interface and framework.

2. Check that all harnesses are secure and adjusted properly.

3. Check that the interface is located and locked correctly in the wheelbase.

## 8: Attendant pushing

### 8.1 Pushing

**Important:**

- ***At the start of every journey make sure that the interface is correctly fitted into the frame and that the locking clips are fully closed. Please refer to section 4.4 'Working with the interface' for more information.***

- ***Do not allow children to play with the gas spring release lever.***

1. The wheelbase is easy to push over hard, even surfaces but may be more difficult over rough, uneven surfaces and the wheels can sink into soft ground. **Never force the wheelbase if it becomes stuck**, this may cause the rear wheels to lift and the wheelbase to be tipped forwards. If the wheelbase gets jammed on a stone or cracked pavement, tip it backwards to raise the front wheel over the obstacle and then proceed. On soft ground it may be easier to pull the wheelbase backwards.

2. The wheelbase has swivelling front castor wheels and is easily steered simply by turning the wheelbase in the desired direction.

3. Whenever possible avoid steep and uneven surfaces because there is a danger that the wheelbase may tip over. If you cannot avoid difficult surfaces you must take extra care when travelling across them.

4. Do not use the wheelbase in sandy conditions.

5. Always use two hands for pushing the wheelbase.

6. For the comfort of the occupant always avoid pushing too fast or making sudden fast turns, jerking, jolting and bumping. Many occupants are liable to be affected by rough handling, which can cause loss of confidence, discomfort or pain.

7. Avoid kerbs. Wherever possible use ramped kerbs or slopes. This will make pushing the wheelbase easier and safer and will be more comfortable for the occupant.

8. Avoid steep kerbs and flights of steps because of the danger of losing your grip on the wheelbase or of the occupant being tipped out. Always use a ramp or lift if available. Do not push the chair down flights of stairs as this puts strain on the pushchair and puts the occupant at risk.

9. To tip the wheelbase backwards when climbing kerbs stand behind and holding onto the push handle with both hands, press down and pull backwards. The front of the wheelbase will lift.

**IMPORTANT:**

- ***Take great care when doing this to avoid the combined weight of the wheelbase and occupant overcoming your strength and tipping back onto you. Never try to tip the wheelbase if the occupant is much heavier than you are.***

10. Always look well ahead so that you have plenty of time to avoid hazards.

11. Be considerate to other people and watch out for pedestrians who may stop or suddenly change direction.

### 8.2 Brakes

Always put the brakes on when placing the child in or taking them out of the seat.

Do not leave the pushchair on a slope, even with the brake on. Always ensure that the pushchair is on level ground to prevent risk of injury to the occupant.

Do not leave the brake on when the pushchair is not in use as this will damage the rear wheels.

### 8.3 Comfort

1. Always be considerate to the occupant.

2. Before setting out on a journey make sure the occupant is comfortably and correctly seated and that any safety harness is correctly fitted and adjusted. Always ensure that both feet are supported and that clothing is tucked in and cannot catch on doorways or other obstructions.

3. Remember the occupant is in front of you. They will want to be part of your conversations and interests. Also their view will be different to yours when it comes to looking into shop windows, etc. it can be extremely frustrating to hear something exciting being discussed when it is situated somewhere behind the occupant's eyes, and thus, out of sight.

### 8.4 Lifting and general safety

1. The wheelbase is designed to carry one person only. Never allow children to play on, or stand on the footrest or frame. Never hang anything such as bags on the push handle. If you do, there is a danger of the wheelbase tipping backwards.

2. If it is necessary to lift the wheelbase whilst it is occupied always use two people, one at the front the other at the back.

3. For your own safety and good practice never lift the empty wheelbase until it has been properly folded. Always use good lifting practice.

4. Do not allow children to play with the gas spring release lever.

5. Never leave the child/occupant unattended, even with harness fitted.

6. Keep children clear of the wheelbase during opening and folding.

**9: Cleaning**

1. To clean the wheelbase or interface, wipe with a damp cloth and dry thoroughly.

2. For more stubborn stains wipe with a damp cloth and warm water in which a little mild soap has been dissolved. Dry thoroughly

3. Never use furniture polish or any spirit to clean the frame.

**10: Maintenance**

Should a problem be found when carrying out the regular checks, it should be immediately reported to the issuing authority or Tendercare Ltd.

**10.1 Routine maintenance**

The user's family can easily carry out the following tasks. No tools are required.

1. Always wipe the wheelbase and seat frame dry. Never put them away damp.

2. Check all nuts, bolts, and hand wheels are tight (daily)

3. Check operation of the brake, folding and reclining mechanisms (weekly).

4. Clean frame when necessary (we suggest at least once a week).

5. If your pushchair is fitted with pneumatic tyres, regularly check the condition of the tyre. Ensure tyres are inflated to 36 psi (if too low use a suitable hand or foot pump, do not use an air-line or mechanical inflator, and do not over inflate the tyre). In the event of a puncture, you will need to purchase a set of tyre levers and a puncture repair kit form a reputable bicycle shop. Always follow the instructions given in the puncture repair kit.

If you find any faults refer to your issuing authority or Tendercare Ltd.

**10.2 Six-monthly maintenance**

Only someone who is a competent tradesman or repairer should carry out this work. If a major fault is found stop using the wheelbase until it has been corrected.

1. Fold and open the wheelbase. Check that all movements through the folding range are free. Examine frame for any damage.

2. Check operation of the wheelbase tilt in space mechanism.

3. Examine nuts, bolts, pivots and frame plugs for tightness and general condition.

4. Examine brake assembly for wear, damage and correct operation.

5. Examine tyres for sharp objects, cuts or splits.

6. Examine castor and wheel bearings for excessive wear.

7. Check castors and rear wheels for free rotation, security and accumulation of fluff and grit. Remove any fluff and grit with a dry lint free cloth.

8. Check the Interface fits securely into the frame, and that it is not worn or damaged.

9. Check the interface clips to ensure they can rotate freely and that the springs return the clips to the closed position when released.

For all other repairs refer to your issuing authority or Tendercare Ltd.

## 11. Oxygen Cylinder

1. If a portable oxygen cylinder is required, the maximum size recommended by Tendercare is type PD 455 mm long x 100 mm diameter weight approximately 10 kg. For cylinder and safety information contact:

   BOC Gases, Customer Service Centre, Priestley Road, Worsley, Manchester, M28 2UT. Tell: 0800 111 333.

**Warnings:**
***If using medical oxygen cylinders ensure compliance with applicable regulations.***

***When mounting an oxygen cylinder onto the Snappi Wheelbase care must be taken to ensure the system will not be damaged in any way. In addition the stability of the Snappi Pushchair must not be adversely affected. If necessary, stability tests should be carried out on the loaded assembly.***

2. If an oxygen cylinder is required it must be mounted in an approved carrying tray, be adequately supported and restrained considering the intended use and environment.

**Important:**
***When the Snappi Wheelbase is used as a seat in a vehicle, the oxygen cylinder and carrying tray must be removed. Note the vertical carrier is fixed and can be left in place; however the oxygen cylinder must still be removed.***

3. Valve, gauges and fittings must be adequately protected from mechanical damage.
4. When using an oxygen cylinder, users and carers should be aware of the potential hazard caused by smoking, naked flames or other exposed heat sources, oil or grease.
5. Because the fitting and use of oxygen are outside the control of Tendercare Ltd, Tendercare Ltd does not accept any liability relating to the use of oxygen with the Snappi Pushchair.

## 12: Warranty

1. Tendercare undertakes to repair or replace free of charge, any parts or part found to be defective due to manufacturer within a period of 12 months from the date of delivery.

2. Tendercare Limited will not repair or replace free of charge any part or parts found to be defective due to abuse, misuse or lack of correct maintenance.

3. Equipment for warranty claims should be returned in a strong carton. There may be a charge for collection. Contact Tendercare Customer Service Department on 01903 726161.

## 13: Transporting the Wheelbase

The wheelbase and interface can be folded for transport in the luggage area of a vehicle.

The wheelbase and interface assembly, (excluding the rearward facing wheelbase) when fitted to Tendercare's Snugseat and Modular Seating System has been successfully impact tested against International Standard ISO 7176-19 and may be used as a vehicle seat. If being used with any other seating system, a risk assessment must be performed to ascertain safety, as Tendercare cannot guarantee crash safety with other seating systems.

Tendercare Ltd highly recommends that the transport of children with a body mass of less than 22kg transfer to a Child Restraint System (sometimes referred to as an **infant safety seat**, a **child restraint system**, a **restraint car seat**, or ambiguously as **car seats**) in compliance with UNECE Regulation 44.04; In order to provide the best possible protection for the child.

If transfer to a Child Restraint System is not possible, due to the needs of the occupant e.g. a need for continual postural support, occupant discomfort, anxiety or a dependency on the medical device, then the decision to carry the occupant in their wheelchair or buggy should involve an individual risk assessment process. This risk assessment process should involve a therapist who would be able to support reasons not to transfer the occupant to a Child Restraint System.

**IMPORTANT:**

***When used as a vehicle seat the following instructions must be followed.***

### 13.1 Preparing the system for transport

1. Check that the child is correctly strapped in the seat using the lap and diagonal seat belt, ensuring that the following safety requirements are met (note these instructions are for guidance, and should only be carried out by someone who is fully trained in the use of wheelchair tie-down and occupant restraint systems) :

    a. The occupant lap belt must be routed low over the pelvis, avoiding contact with the abdomen of the passenger. Lap belt routing should be inside of the occupant side pad on both left and right sides of the pushchair.
    b. The lap belt should not be held away from the occupants body by any part of the pushchair such as side pads or wheels (please see fig 13.1.1)

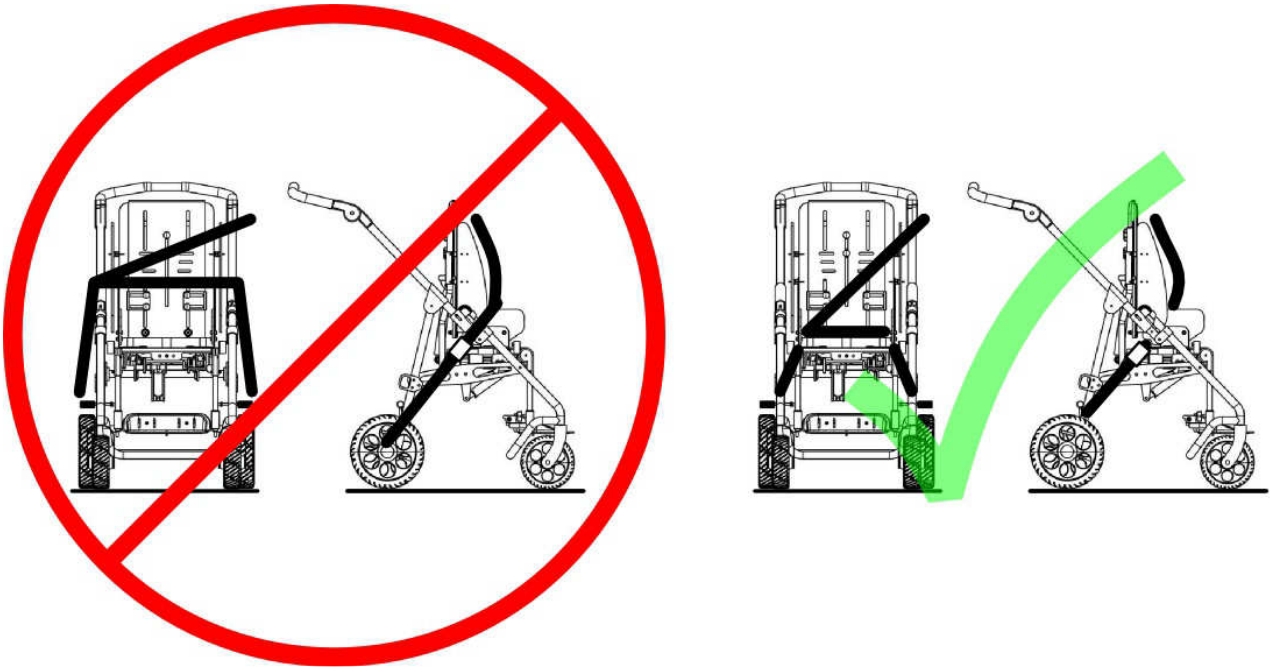


**Fig 13.1.1**

Note: The belt webbing should not be twisted when in use.

c. The angle of the pelvic belt should be within the optimal zone of 30$^{o}$ to 75$^{o}$ to the horizontal, as shown in Fig 13.1.2

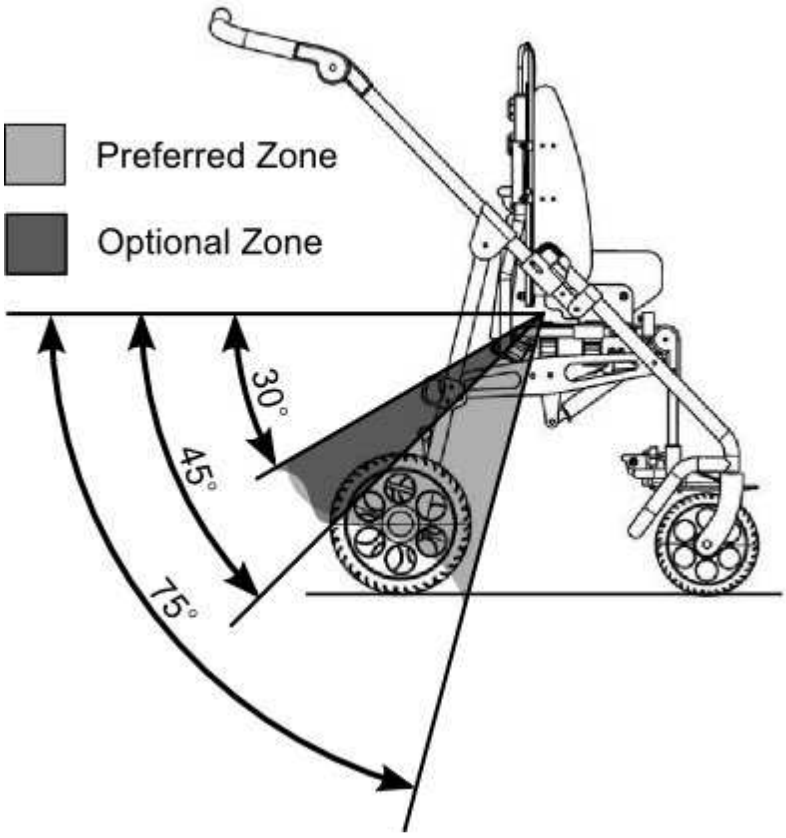



**Fig 13.1.2**

2. **Important:** Any harness fitted to the pushchair is for postural support only and must not be used as a transport harness. The pelvic strap must be located as low down over the hips as possible: It must not cross the stomach of the passenger.

3. **Important:** In order to ensure that the Butterfly (Chest) harness cannot rise up and cause harm to the user, every time the harness is in use, you must ensure that all cam buckles/fixings are properly closed and that the harness is correctly positioned a minimum of 75mm below the user's neckline. Failure to comply with this could result in serious injury.

4. **Remove any accessories such as a Pommel, Tray, Rainhood, Shopping Basket or Carrying Tray**.

5. The seat can either be set vertically or adjusted to a mid-tilt position for transportation.

### 13.2 Attaching wheelbase to vehicle

1. The wheelbase must be attached to the vehicle using a 4-point wheelchair webbing restraint.

***Note:*** *Such restraints are manufactured by Unwin Safety Systems.*

2. **Only a trained person should attach the restraints**.

3. When fitting the restraints please refer to the manufacturer's guidelines. Please direct any concerns or queries regarding the restraint system to the original supplier.

4. Position the assembly correctly in the vehicle over the floor track with the front of the wheelbase facing towards the front of the vehicle *(in the direction of travel)*. **Put The Brakes On***
   ****The brakes are needed to prevent the pushchair moving whilst fitting the restraints. Once the pushchair is correctly attached to the vehicle with a 4 point restraint system it is no longer a requirement for the brakes to remain on.***

5. For Snappi pushchairs purchased prior to November 2012, attach the front restraints to the floor track and around the frame where the front crossbar and vertical tubes meet, just above the front castors as shown (See Fig 13.2.1A)

**Fig 13.2.1A**

6. Snappi Pushchairs purchased after November 2012 come with a front tie down bracket, that fits between the front castor and frame. Attach the restraint system to this mounting point using a standard Karabiner hook (See Fig 13.2.1B). **Note: Always use the tie down bracket if present.**

**Fig 13.2.1B**

7. Attach the rear restraints to the floor track and to the two rear tie down brackets on the frame. These are positioned halfway up the rear frame, just above the brake mechanism. (See Fig 13.2.2)

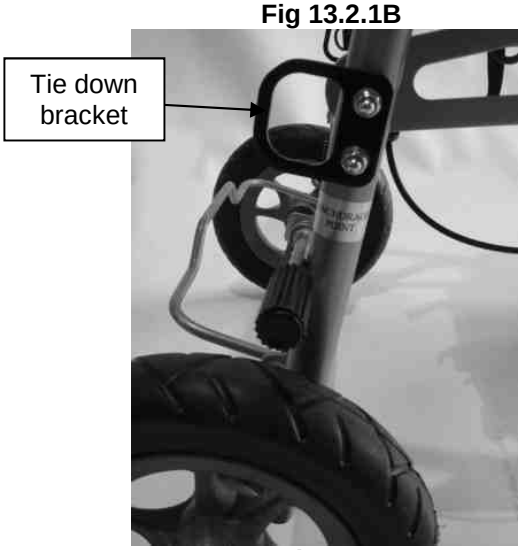



**Fig 13.2.2**

8. To release the wheelbase follow the above instructions in reverse order.

## IN EMERGENCY PRESS THE RELEASE BUCKLES

**Warning:**

- ***The above only secures the wheelbase not the passenger. It is essential that a separate vehicle harness be fitted providing lap and over the shoulder protection to the passenger (See Fig 13.2.3 on page 31). We recommend the Unwin Safety Systems Double Inertia Reel Harness be used.***

**Fig 13.2.3**

- ***The rearward facing Snappi Wheelbase has not been crash tested for use as a vehicle seat and must not be used for transportation.***

## 14: Repairs

1. Repairs: For all repairs contact your issuing authority.

2. Major repairs: For all major repairs e.g. bent or damaged frame, the equipment should be returned to the factory. Contact Tendercare Ltd customer services on (01903) 726161.

3. An approved agent may carry out the following repairs and replacements. A workshop manual is available to repairers from Tendercare Ltd. Replacement of Wheels, brakes and Gas strut.

## Important Points

1. Do not reuse Nylock nuts. Always replace with a new Nylock nut.

2. Always use Loctite thread locking compound Grade 241.

3. Always use recommended components and parts available from Tendercare Ltd.

4. Do not modify or repair the frame.